What is claimed is:

1. A recording medium for fixing a conflict of a computer system, comprising:

a boot image loaded in a main memory installed in the computer system when the computer system is booted, for managing the operation of the computer system;

a program image consisting of an operating system and application programs to be installed in an auxiliary memory unit of the computer system, and a list of the operating system and application programs; and

a conflict repair control program having a code means (a) loaded in the main memory of the computer system for checking whether the auxiliary memory unit is normal, and a code means (b) for repairing damaged files in the auxiliary memory unit using the program image when abnormality exists in the auxiliary memory unit.

2. The recording medium for fixing a conflict of a computer system as claimed in claim 1, wherein the recording medium is a CD-ROM.

3. The recording medium for fixing a conflict of a computer system as claimed in claim 1, wherein the code means (b) of the conflict repair control program comprises:

a code unit for newly installing all the files included in the program image in the hard disk; and

a code unit for displaying the list included in the program image and newly installing only programs selected by a user in the hard disk.

1   4.   A computer system having a conflict repair function and including a control unit, a

2   main memory, an auxiliary memory, and an input output device, wherein the control unit comprises:

3   a state information recording portion for collecting state information on the computer system

4   and recording the collected information in the auxiliary memory;

5   a conflict sensing portion for sensing a general protection fault, a system registry fault, and

6   a system hardware information abnormality when the computer system is operated, and reporting

7   the sensed faults to a user via the input output device;

8   a state diagnosis portion for diagnosing the presence or absence of abnormality in the computer

9   system according to a user's instruction, attempting to fix an abnormality using diagnosed contents

10   when the abnormality is sensed, and reporting to the user via the input output device abnormality

11   incapable of being fixed by the diagnosed contents; and

12   an existing state reverting portion for reverting the computer system to a state when state

13   information selected by the user among state information recorded in the state information database

14   was produced.

1   5.   The computer system having a conflict repair function as claimed in claim 4, wherein

2   the state information recording portion allocates a predetermined region for a state information

3   database in the auxiliary memory, and records new state information which replaces oldest state

4   information.

6. The computer system having a conflict repair function as claimed in claim 4, wherein the input output device further comprises a state diagnosis button, and the state diagnosis portion is performed by a user pressing down on the state diagnosis button.

7. The computer system having a conflict repair function as claimed in claim 4, further comprising a recording medium which includes:

a boot image loaded in the main memory when the computer system is booted, for managing the operation of the computer system;

a program image consisting of an operating system, application programs, and a list of the operating system and application programs to be installed in the auxiliary memory unit; and

a conflict repair control unit including a code means (a) loaded in the main memory for checking whether the auxiliary memory unit is normal, and a code means (b) for repairing damaged files in the auxiliary memory unit using the program image when abnormality exists in the auxiliary memory unit.

8. The recording medium for fixing a conflict of a computer system as claimed in claim 7, wherein the recording medium is a CD-ROM.

9. The recording medium for fixing a conflict of a computer system as claimed in claim 7, wherein the code means (b) of the conflict repair control program comprises:

a code unit for newly installing all the files included in the program image in the hard disk;

4   and

5   a code unit for displaying the list included in the program image and newly installing only

6   programs selected by a user in the hard disk.

1   10.   A method of reverting a computer system to its previous state, comprising the steps

2   of:

3   (a) collecting and backing up state information of the computer system;

4   (b) sensing a conflict of the computer system and reporting the sensed conflict to a user; and

5   (c) reverting the computer system to a state when state information selected by the user from

6   back-up state information was produced.

1   11.   The method of reverting a computer system to its previous state as claimed in claim

2   8, wherein the step (b) comprises the substeps of:

3   (b.1) diagnosing the state of the computer system;

4   (b.2) fixing an abnormality using diagnosed information when the abnormality is sensed from

5   the computer system; and

6   (b.3) reporting abnormality which was not fixed in step (b.2), to the user.

1   12.   The method of reverting a computer system to its previous state as claimed in claim

2   11, wherein substep b1 comprises the step of:

3   pressing down a state diagnostic button to check on the computer system.

13. ~~The method of reverting a computer system to its previous state as claimed in claim 10, wherein step c comprises the step of: presenting a list of state information stored in the state information database of the auxiliary memory unit to the user.~~

14. A method of fixing a conflict generated on an auxiliary memory in a computer system using a CD-ROM device including a CD-ROM, comprising the steps of:

(a) setting the CD-ROM device as a master device, booting the computer system, checking a conflict of the auxiliary memory, and fixing a damaged system file;

(b) reinstalling an operating system in the auxiliary memory, comprising the substeps of:

(b.1) setting the CD-ROM device as a master device and booting the computer system again when a new booting when the auxiliary memory is set as the master device fails;

(b.2) backing up data files stored in the auxiliary memory and formatting the auxiliary memory;

(b.3) installing an operating system among a program image recorded in the CD-ROM, in the auxiliary memory; and

(b.4) setting the auxiliary memory as a master device and newly booting the computer system;

(c) reinstalling application programs in the auxiliary memory using the program image recorded in the CD-ROM; and

(d) restoring the data file backed up in step (b.2) in the auxiliary memory.

1   15.   The method of fixing a conflict of claim 14, further comprising:

2   reverting the computer system to a state previous to the one where a conflict occurred

3   when repairing of the computer system fails.

ADD AS